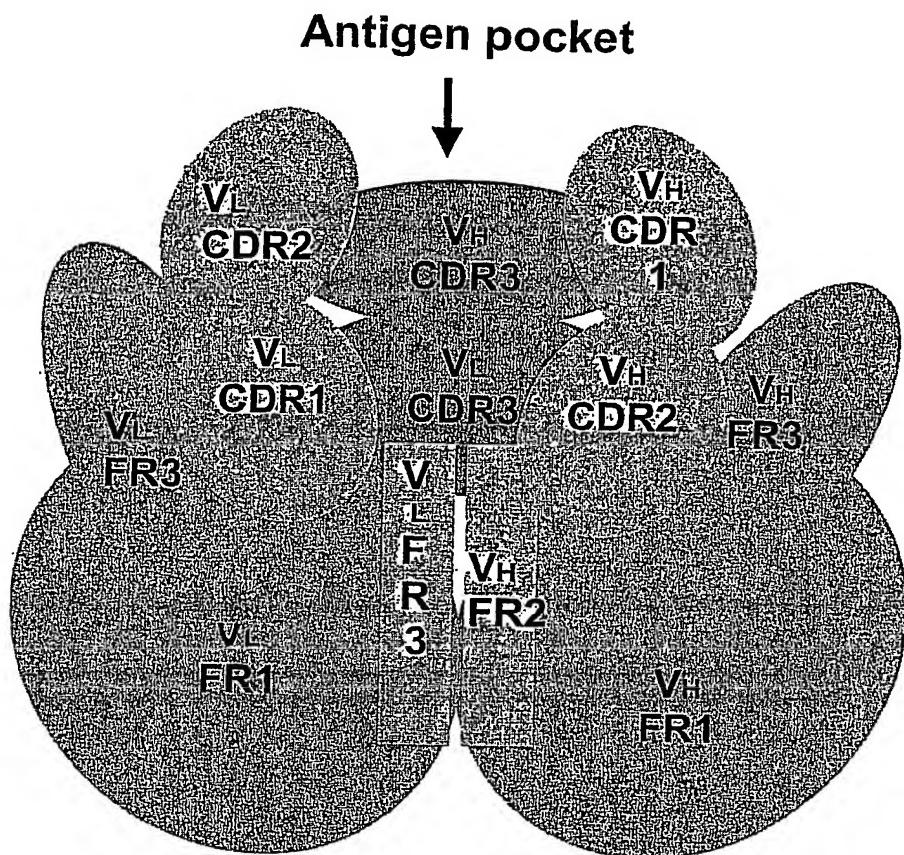


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Fig. 1

**Fa**

**CDR:** complementarity determining region

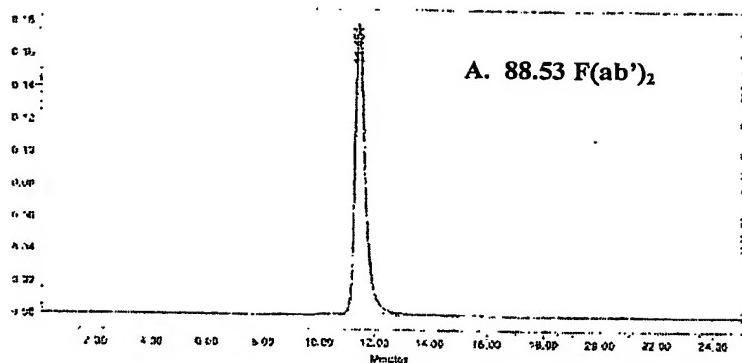
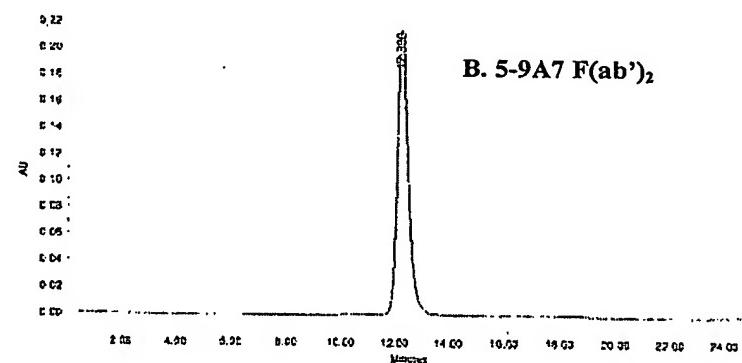
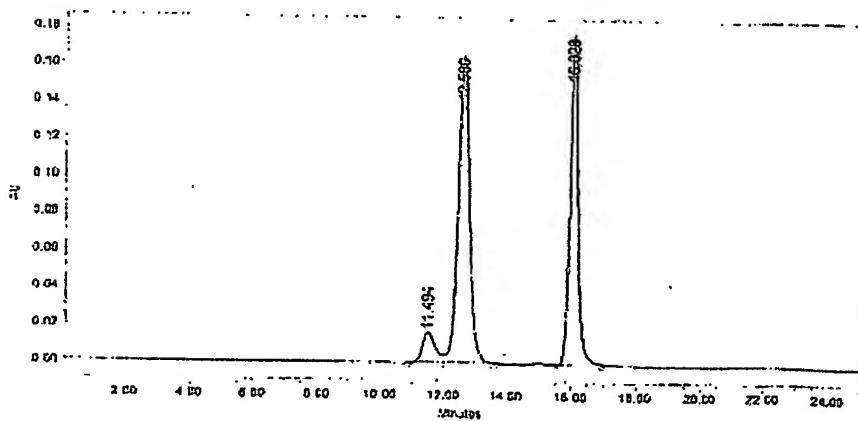
**FR:** frame region

**VL:** variabel light chain

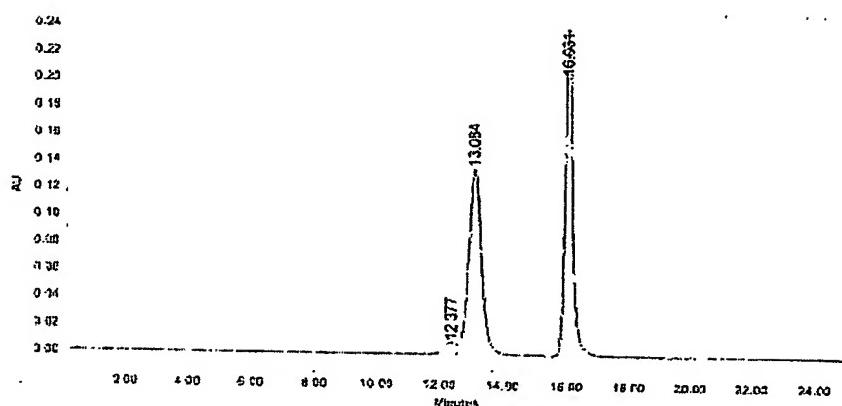
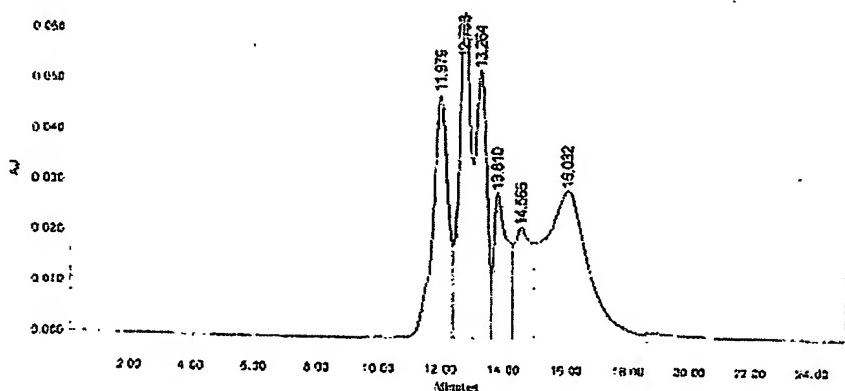
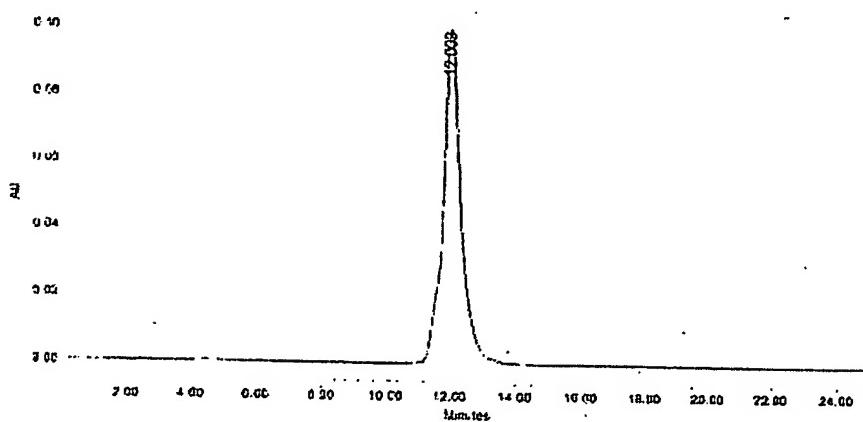
**VH:** variabel heavy chain

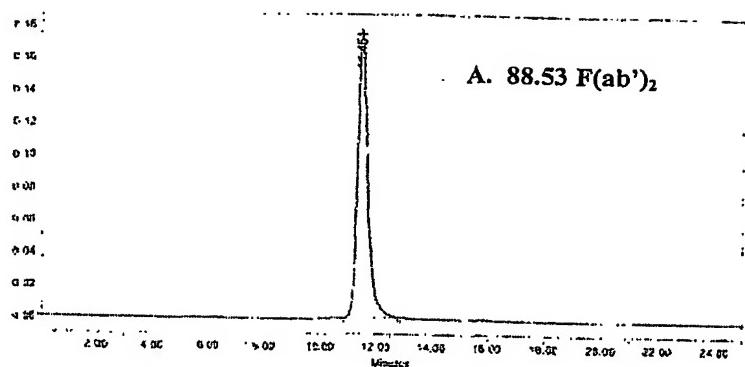
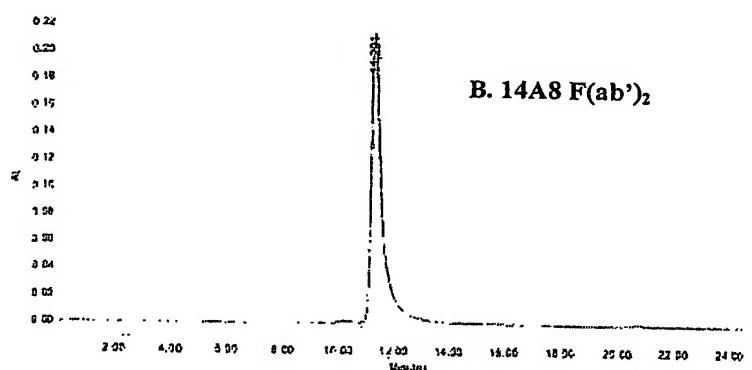
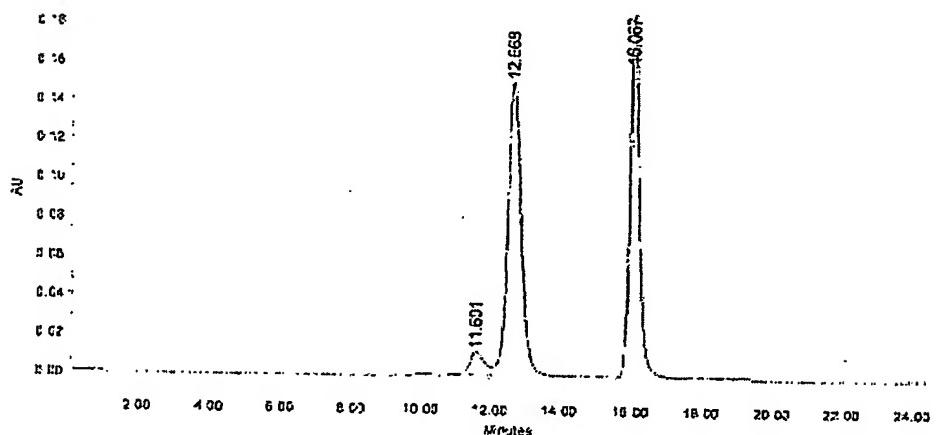
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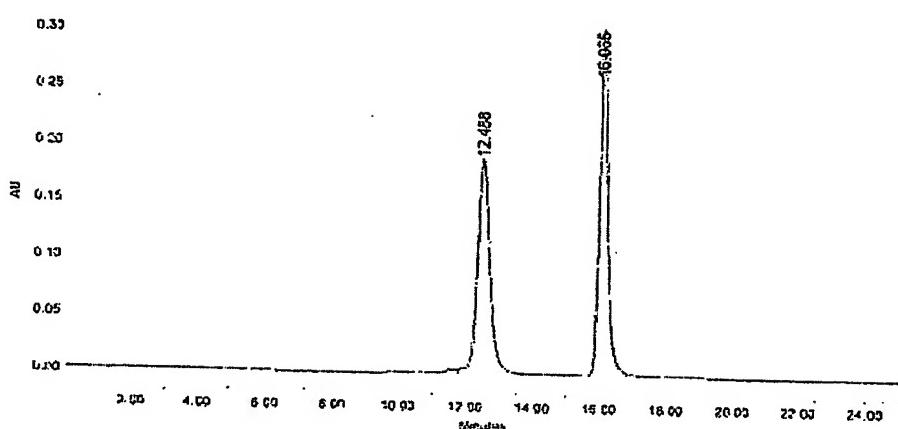
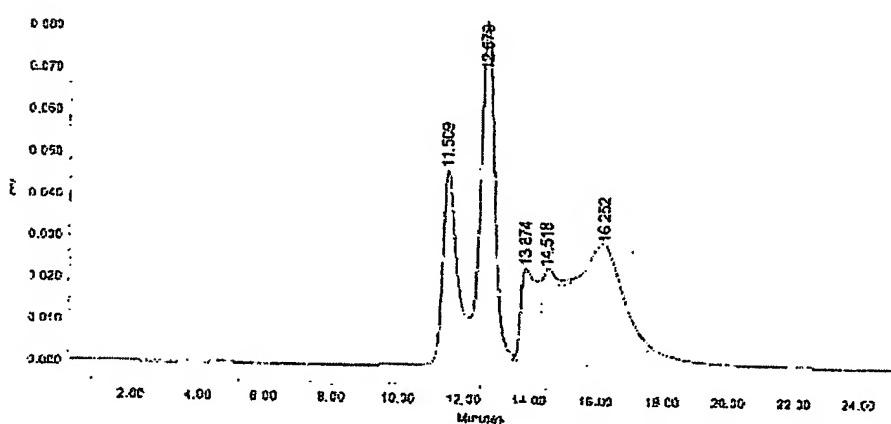
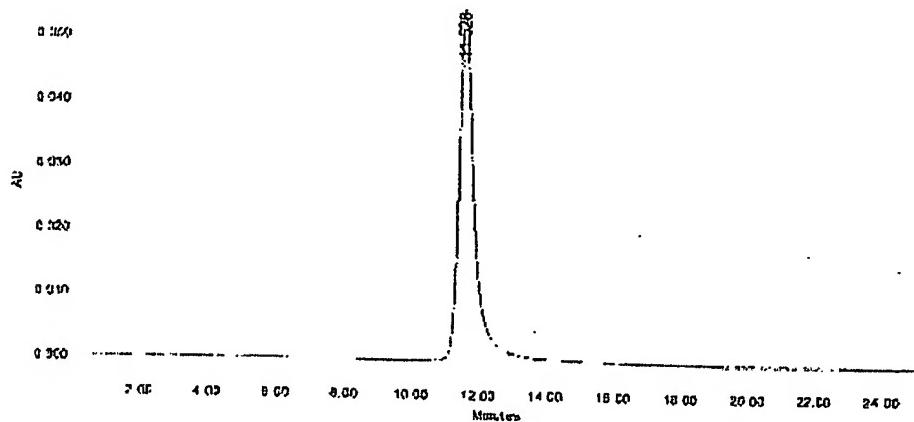
**Fig. 2a****A. 88.53 F(ab')<sub>2</sub>****Fig. 2b****B. 5-9A7 F(ab')<sub>2</sub>****Fig. 3**

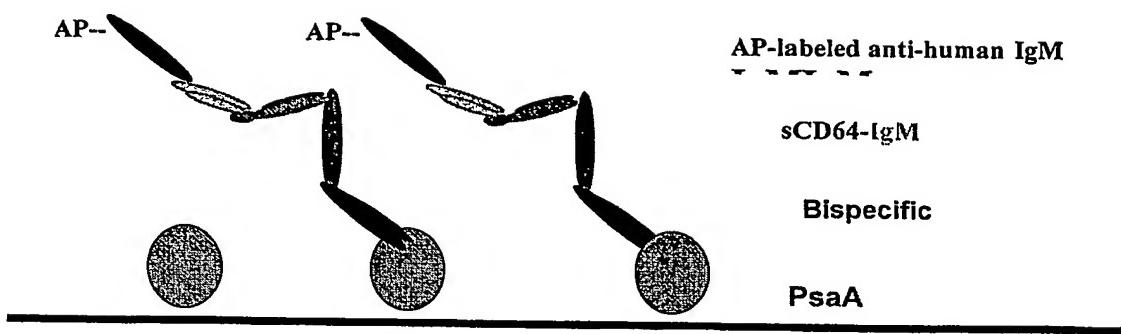
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**Fig. 4****Fig. 5****Fig. 6**

**4/19****Fig. 7a****Fig. 7b****Fig. 8**

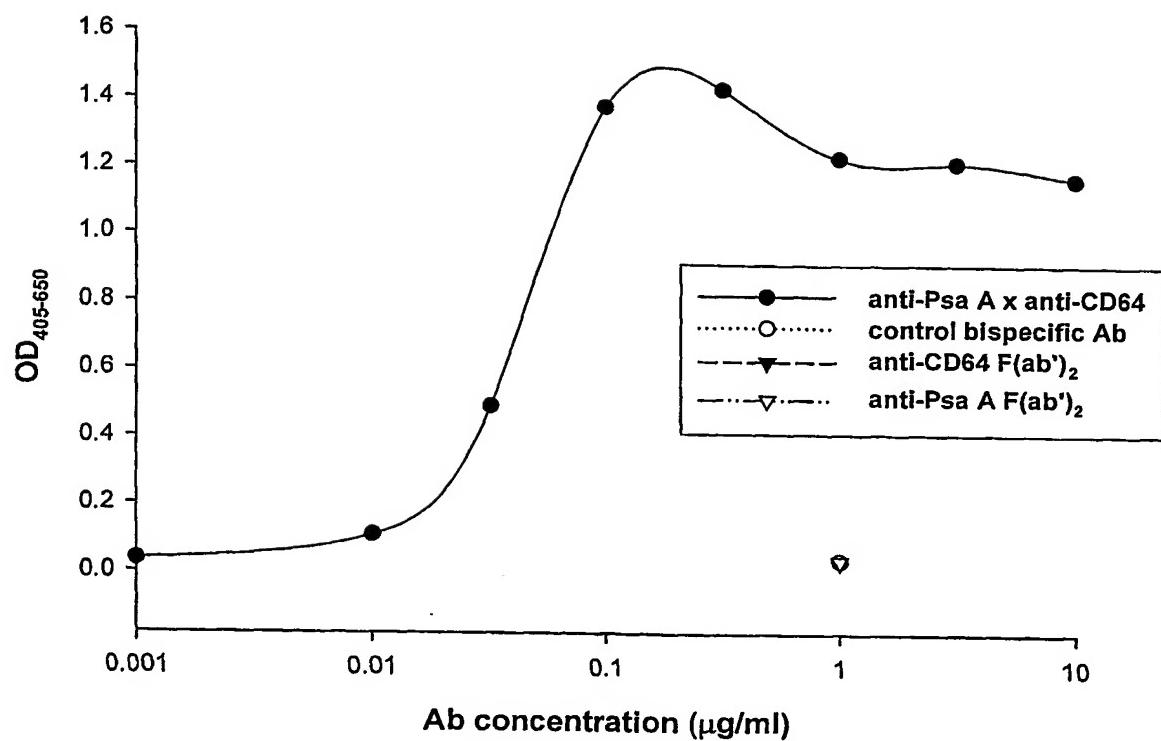
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**Fig. 9****Fig. 10****Fig. 11**

**Fig. 12****6/19**

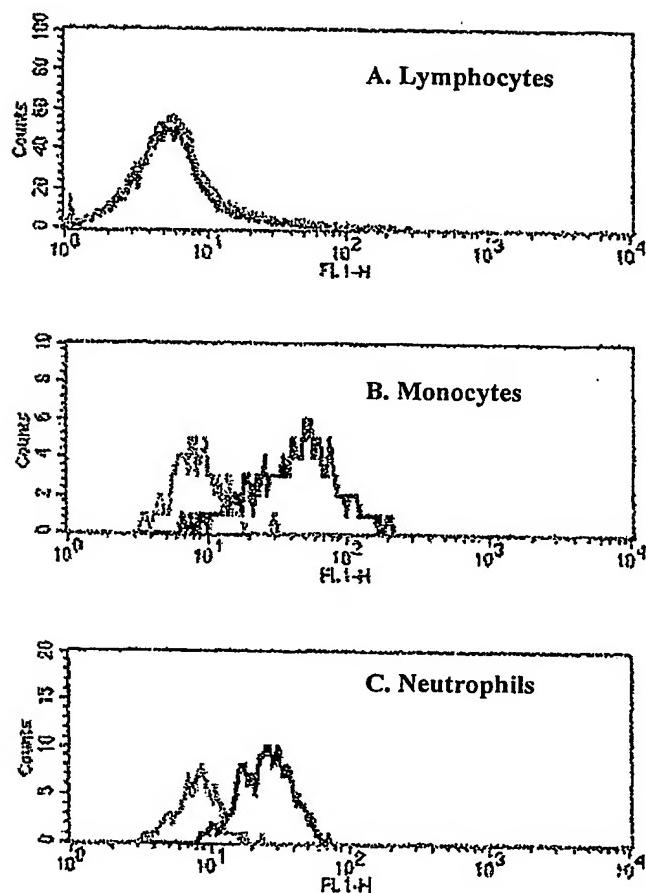
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Fig. 13



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Fig. 14



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Fig. 15

1	ATG AAA AAA TTA GGT ACA TTA CTC GTT CTC TTT CTT TCT GCA ATC	45
1	Met Lys Lys Leu Gly Thr Leu Leu Val Leu Phe Leu Ser Ala Ile	15
46	ATT CTT GTC GCA TGT GCT AGC GGA AAA AAA GAT ACA ACT TCT GGT	90
16	Ile Leu Val Ala Cys Ala Ser Gly Lys Lys Asp Thr Thr Ser Gly	30
91	CAA AAA CTA AAA GTT GTT GCT ACA AAC TCA ATC ATC GCT GAT ATT	135
31	Gln Lys Leu Lys Val Val Ala Thr Asn Ser Ile Ile Ala Asp Ile	45
136	ACT AAA AAT ATT GCT GGT GAC AAA ATT GAC CTT CAT AGT ATC GTT	180
46	Thr Lys Asn Ile Ala Gly Asp Lys Ile Asp Leu His Ser Ile Val	60
181	CCG ATT GGG CAA GAC CCA CAC GAA TAC GAA CCA CTT CCT GAA GAC	225
61	Pro Ile Gly Gln Asp Pro His Glu Tyr Glu Pro Leu Pro Glu Asp	75
226	GTT AAG AAA ACT TCT GAG GCT GAT TTG ATT TTC TAT AAC GGT ATC	270
76	Val Lys Lys Thr Ser Glu Ala Asp Leu Ile Phe Tyr Asn Gly Ile	90
271	AAC CTT GAA ACA GGT GGC AAT GCT TGG TTT ACA AAA TTG GTA GAA	315
91	Asn Leu Glu Thr Gly Asn Ala Trp Phe Thr Lys Leu Val Glu	105
316	AAT GCC AAG AAA ACT GAA AAC AAA GAC TAC TTC GCA GTC AGC GAC	360
106	Asn Ala Lys Lys Thr Glu Asn Lys Asp Tyr Phe Ala Val Ser Asp	120
361	GCG GTT GAT GTT ATC TAC CTT GAA GGT CAA AAT GAA AAA GGA AAA	405
121	Gly Val Asp Val Ile Tyr Leu Glu Gly Gln Asn Glu Lys Gly Lys	135
406	GAA GAC CCA CAC GCT TGG CTT AAC CTT GAA AAC GGT ATT ATT TTT	450
136	Glu Asp Pro His Ala Trp Leu Asn Leu Glu Asn Gly Ile Ile Phe	150
451	GCT AAA AAT ATC GCC AAA CAA TTG AGC GCC AAA GAC CCT AAC AAT	495
151	Ala Lys Asn Ile Ala Lys Gln Leu Ser Ala Lys Asp Pro Asn Asn	165
496	AAA GAA TTC TAT GAA AAA AAT CTC AAA GAA TAT ACT GAT AAG TTA	540
166	Lys Glu Phe Tyr Glu Lys Asn Leu Lys Glu Tyr Thr Asp Lys Leu	180
541	GAC AAA CTT GAT AAA GAA AGT AAG GAT AAA TTT AAT AAG ATC CCT	585
181	Asp Lys Leu Asp Lys Glu Ser Lys Asp Lys Phe Asn Lys Ile Pro	195
586	GCT GAA AAG AAA CTC ATT GTA ACC AGC GAA GGA GCA TTC AAA TAC	630
196	Ala Glu Lys Lys Leu Ile Val Thr Ser Glu Gly Ala Phe Lys Tyr	210
631	TTC TCT AAA GCC TAT GGT GTT CCA AGT GCC TAC ATC TGG GAA ATC	675
211	Phe Ser Lys Ala Tyr Gly Val Pro Ser Ala Tyr Ile Trp Glu Ile	225
676	AAT ACT GAA GAA GGA ACT CCT GAA CAA ATC AAG ACC TTG GTT	720
226	Asn Thr Glu Glu Gly Thr Pro Glu Gln Ile Lys Thr Leu Val	240
721	GAA AAA CTT CGC CAA ACA AAA GTT CCA TCA CTC TTT GTA GAA TCA	765
241	Glu Lys Leu Arg Gln Thr Lys Val Pro Ser Leu Phe Val Glu Ser	255
766	AGT GTG GAT GAC CGT CCA ATG AAA ACT GTT TCT CAA GAC ACA AAC	810
256	Ser Val Asp Asp Arg Pro Met Lys Thr Val Ser Gln Asp Thr Asn	270
811	ATC CCA ATC TAC GCA CAA ATC TTT ACT GAC TCT ATC GCA GAA CAA	855
271	Ile Pro Ile Tyr Ala Gln Ile Phe Thr Asp Ser Ile Ala Glu Gln	285
856	GGT AAA GAA GGC GAC AGC TAC TAC AGC ATG ATG AAA TAC AAC CTT	900
286	Gly Lys Glu Gly Asp Ser Tyr Tyr Ser Met Met Lys Tyr Asn Leu	300
901	GAC AAG ATT GCT GAA GGA TTG GCA AAA TAA	930
301	Asp Lys Ile Ala Glu Gly Leu Ala Lys End	

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Fig. 16a

D I Q M T Q S P S S L S A S V G D R  
 1 GAC ATC CAG ATG ACC CAG TCT CCA TCC TCA CTG TCT GCA TCT GTA GGA GAC AGA  
 ~~~~~  
 CDR1  
 V T I T C R A S Q G I S S W L A W Y  
 55 GTC ACC ATC ACT TGT CGG GCG AGT CAG GGT ATT AGC AGC TGG TTA GCC TGG TAT  
 ~~~~~  
 CDR2  
 Q Q K P E K A P E S L I Y V A S S L  
 109 CAG CAG AAA CCA GAG AAA GCC CCT GAG TCC CTG ATC TAT GTT GCA TCC AGT TTG  
 ~~~~~  
 CDR2  
 Q S G V P S R F S G S G S G T D F T  
 163 CAA AGT GGG GTC CCA TCA AGG TTC AGC GGC AGT GGA TCT GGG ACA GAT TTC ACT  
 ~~~~~  
 CDR3  
 L T I S S L Q P E D F A T Y Y C Q Q  
 217 CTC ACC ATC AGC AGC CTG CAG CCT GAA GAT TTT GCA ACT TAT TAC TGC CAA CAG  
 ~~~~~  
 CDR3  
 Y N S Y P P T F G Q G T K V E I K  
 271 TAT AAT AGC TAT CCT CCG ACG TTC GGC CAA GGG ACC AAG GTG GAA ATC AAA  
 ↘ JK1

Fig. 16b

Q V R L Q Q W G A G L L K P S E T L  
 1 CAG GTG CGA CTA CAG CAG TGG GGC GCA GGA CTG TTG AAG CCT TCG GAG ACC CTG  
 ~~~~~  
 CDR1  
 S L T C A V F G G S F S G F S W S W  
 55 TCC CTC ACC TGC GCT GTC TTT GGT GGG TCC TTC AGT GGT TTC TCC TGG AGC TGG  
 ~~~~~  
 CDR2  
 I R Q T P G K G L E W I G E I D Y R  
 109 ATC CGC CAG ACC CCA GGG AAG GGG CTG GAG TGG ATC GGG GAA ATC GAT TAT AGA  
 ~~~~~  
 CDR2  
 G S T N Y N P S L K S R V T I L R D  
 163 GGA AGC ACC AAC TAC AAC CCG TCC CTC AAG AGT CGA GTC ACC ATA TTA AGA GAC  
 ~~~~~  
 T S R S Q F S L K L S S V T A A D S  
 217 ACG TCC AGG AGC CAG TTC TCC CTG AAG TTG AGC TCC GTG ACC GCC GCG GAC TCG

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271 A V F Y C A R G G P R F D Y W G Q G  
 GCT GTG TTT TAT TGT GCG AGA GGG GGG CCC CGC TTT GAC TAC TGG GGC CAG GGA  
 ↳ JH4b

325 T L V T V S S  
 ACC CTG GTC ACC GTC TCC TCA

Fig. 17a

1 E I V L T Q S P A T L S L S P G E R  
 GAA ATT GTG TTG ACA CAG TCT CCA GCC ACC CTG TCT TTG TCT CCA GGG GAA AGA  
 CDR1

55 A T L S C R A S Q S V S S Y L A W Y  
 GCC ACC CTC TCC TGC AGG GCC AGT CAG AGT GTT AGC AGC TAC TTA GCN TGG TAC  
 CDR2

109 Q Q K P G Q A P R L L I Y D A S N R  
 CAA CAG AAA CCT GGC CAG GCT CCC AGG CTC CTC ATC TAT GAT GCA TCC AAC AGG  
 CDR2

163 A T G I P A R F S G S G S G T D F T  
 GCC ACT GGC ATC CCA GCC AGG TTC AGT GGC AGT GGG TCT GGG ACA GAC TTC ACT  
 CDR3

217 L T I S S L E P E D F A V Y Y C Q Q  
 CTC ACC ATC AGC AGC CTA GAG CCT GAA GAT TTT GCA GTT TAT TAC TGT CAG CAG  
 CDR3

271 R S N W P L T F G G G T K V E I K  
 CGT AGC AAC TGG CCT CTC ACT TTC GGC GGA GGG ACC AAG GTG GAG ATC AAA

Fig. 17b

1 E V Q L V E S G G . G L V Q P G G S L  
 GAG GTG CAA CTA GTG GAG TCT GGG GGA GCC TTG GTC CAG CCT GGG GGG TCC CTG  
 CDR1

55 R L S C A A S G F T F N I F G M S W  
 AGA CTC TCC TGT GCA GCC TCT GGA TTC ACC TTT AAT ATC TTT GGG ATG AGC TGG  
 CDR2

109 V R Q A P G K G L E W V A N I K Q D  
 GTC CGC CAG GCT CCA GGG AAA GGG CTG GAG TGG GTG GCC AAC ATA AAG CAA GAT

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## CDR2

163 G S E K Y Y V D S V K G R F T I S R  
 GGA AGT GAG AAA TAC TAT GTG GAC TCT GTG AAG GGC CGA TTC ACC ATC TCC AGA .  
 217 D N A K N S L Y L Q M N S L R A E D  
 GAC AAC GCC AAG AAC TCA CTG TAT CTG CAA ATG AAC AGC CTG AGA GCC GAG GAC

## CDR3

271 T A V Y Y C A R D R F Y Y G S G S Y  
 ACG GCT GTG TAT TAC TGT GCG AGG GAT CGG TTT TAC TAT GGT TCG GGG AGT TAT

L ➔ JK6b

## CDR3

325 Y Y Y Y N G M D V W G Q G T T V T V  
 TAT TAC TAC TAC AAC GGT ATG GAC GTC TGG GGC CAA GGG ACC ACG GTC ACC GTC  
 379 S S  
 TCC TCA

Fig. 18a

1 E I V L T Q S P A T L S L S P G E R  
 GAA ATT GTG TTG ACA CAG TCT CCA GCC ACC CTG TCT TTG TCT CCA GGG GAA AGA

## CDR1

55 A T L S C R A S Q S V S S Y L A W Y  
 GCC ACC CTC TCC TGC AGG GCC AGT CAG AGT GTT AGC AGC TAC TTA GCC TGG TAC

## CDR2

109 Q Q K P G Q A P R L L I Y D A S N R  
 CAA CAG AAA CCT GGC CAG GCT CCC AGG CTC CTC ATC TAT GAT GCA TCC AAC AGG

## CDR2

163 A T G I P A R F S G S G S G T D F T  
 GCC ACT GGC ATC CCA GCC AGG TTC AGT GGC AGT GGG TCT GGG ACA GAC TTC ACT

## CDR3

217 L T I S S L E P E D F A V Y Y C Q Q  
 CTC ACC ATC AGC AGC CTA GAG CCT GAA GAT TTT GCA GTT TAT TAC TGT CAG CAG

## CDR3

271 R S N W P P F T F G P G T K V D I K  
 CGT AGC AAC TGG CCT CCA TTC ACT TTC GGC CCT GGG ACC AAA GTG GAT ATC AAA

L ➔ JK3

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Fig. 18b

1        E    V    Q    L    V    E    S    G    G    G    L    V    Q    P    G    G    S    L  
 1        GAG GTA CAG CTG GTG GAG TCT GGG GGA GGC TTG GTC CAG CCG GGG GGG TCC CTG

CDR1

55      R    L    S    C    A    A    S    G    F    T    F    S    S    F    W    M    S    W  
 55      AGA CTC TCC TGT GCA GCT TCT GGA TTC ACC TTT AGT AGC TTT TGG ATG AGC TGG

CDR2

109     V    R    Q    A    P    G    K    G    L    E    W    V    A    N    I    K    Q    D  
 109     GTC CGC CAG GCT CCA GGG AAG GGG CTG GAG TGG GTG GCC AAC ATA AAG CAA GAT

CDR2

163     G    S    E    K    F    Y    V    D    S    V    K    G    R    F    T    I    S    R  
 163     GGA AGT GAG AAA TTC TAT GTG GAC TCT GTG AAG GGC CGA TTC ACC ATC TCC AGA

217     D    N    A    K    N    S    L    Y    L    Q    M    N    S    L    R    A    E    D  
 217     GAC AAC GCC AAG AAC TCA CTG TAT CTG CAA ATG AAC AGC CTG AGA GCC GAG GAC

CDR3

271     T    A    V    Y    Y    C    A    R    D    R    I    T    M    V    R    P    Y    Y  
 271     ACG GCT GTG TAT TAC TGT GCG AGG GAT CGT ATT ACA ATG GTT CGG CCC TAT TAC

CDR3

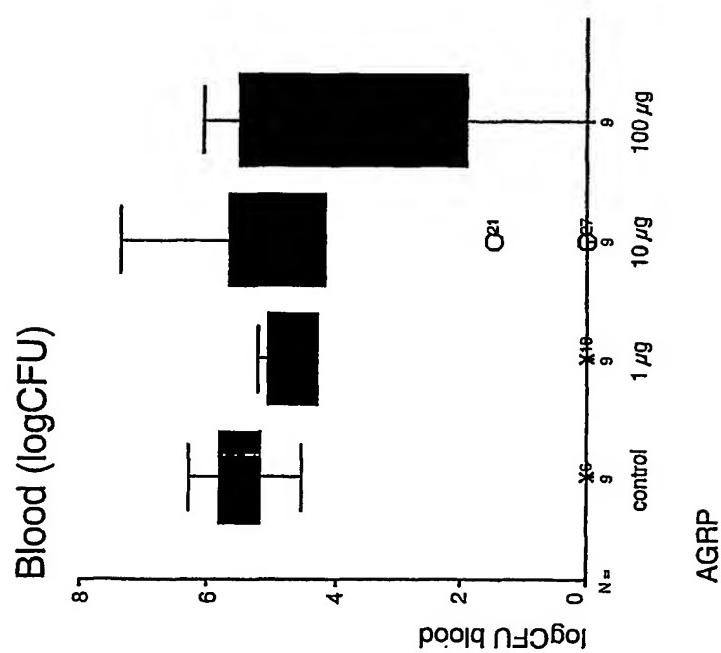
JH6b

325     Y    F    Y    N    G    L    D    V    W    G    Q    G    T    T    V    T    V    S  
 325     TAC TTC TAC AAC GGT CTG GAC GTC TGG GGC CAA GGG ACC ACG GTC ACC GTC TCC

379     S  
 379     TCA

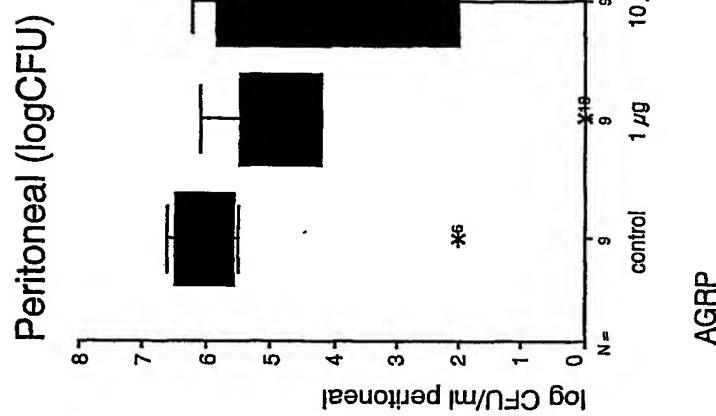


**Figure 19A**  
**9A7**

Test Statistics<sup>a,b</sup>

|             | CFU/ml blood |
|-------------|--------------|
| Chi-Square  | 4,711        |
| df          | 3            |
| Asymp. Sig. | ,194         |

- a. Kruskal Wallis Test  
b. Grouping Variable: AGRPs

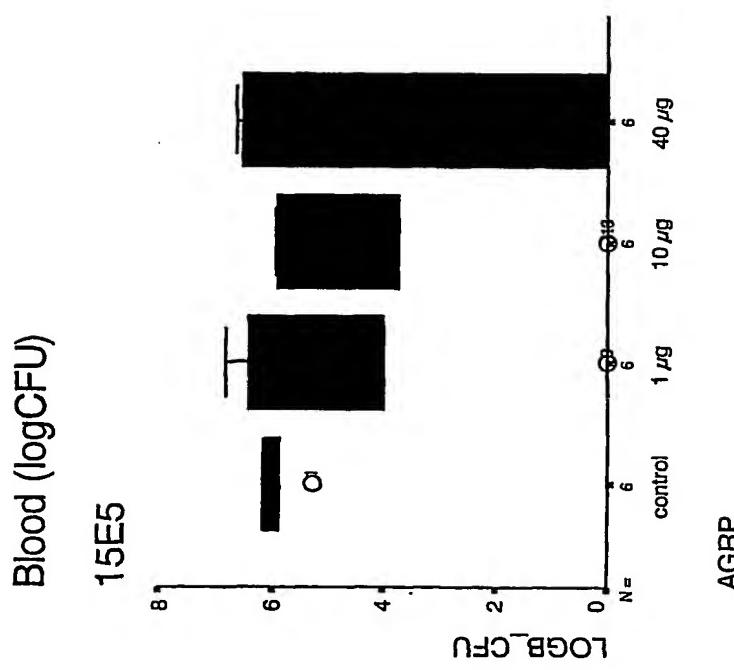
Test Statistics<sup>a,b</sup>

|             | CFU/ml peritoneal |
|-------------|-------------------|
| Chi-Square  | 7,926             |
| df          | 3                 |
| Asymp. Sig. | ,048              |

- a. Kruskal Wallis Test  
b. Grouping Variable: AGRPs

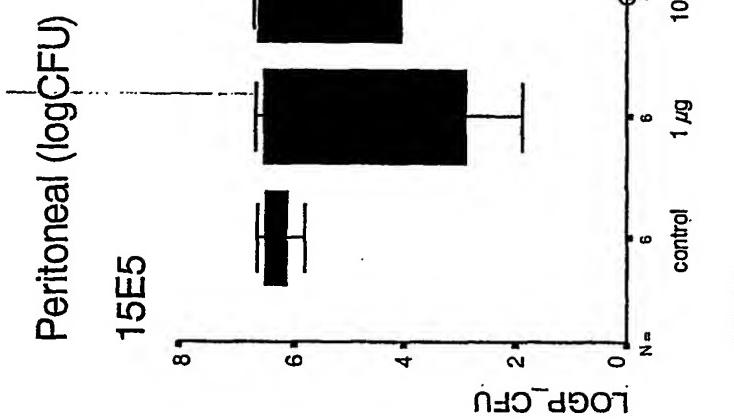
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**Figure 19B**



| Test Statistics <sup>a,b</sup> |       |
|--------------------------------|-------|
| Chi-Square                     | P_CFU |
| df                             | ,532  |
| Asymp. Sig.                    | ,912  |

a. Kruskal Wallis Test  
b. Grouping Variable: AGRP



| Test Statistics <sup>a,b</sup> |       |
|--------------------------------|-------|
| Chi-Square                     | P_CFU |
| df                             | ,532  |
| Asymp. Sig.                    | ,912  |

a. Kruskal Wallis Test  
b. Grouping Variable: AGRP

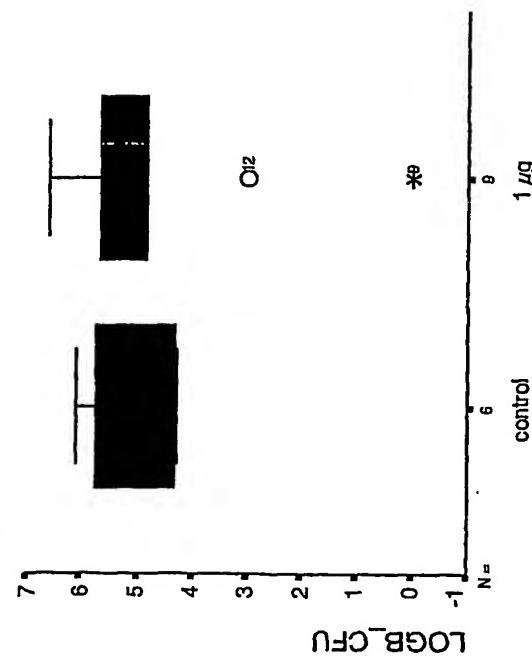
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Figure 19C

Blood (log CFU)

1G9.1

Ab Test Statistics<sup>b</sup>

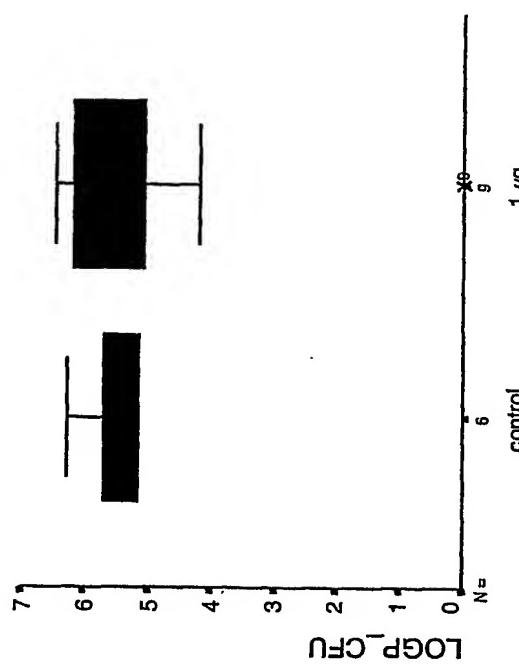
|                                | B CFU             | P CFU             |
|--------------------------------|-------------------|-------------------|
| Mann-Whitney U                 | 23,000            | 22,500            |
| Wilcoxon W                     | 44,000            | 43,500            |
| Z                              | -4.71             | -5.31             |
| Asymp. Sig. (2-tailed)         | ,637              | ,596              |
| Exact Sig. [2*(1-tailed Sig.)] | ,689 <sup>a</sup> | ,607 <sup>a</sup> |

a. Not corrected for ties.

b. Grouping Variable: AGRP

Peritoneal (log CFU)

1G9.1

Ab Test Statistics<sup>b</sup>

|                                | Mann-Whitney U    | P CFU             |
|--------------------------------|-------------------|-------------------|
| Wilcoxon W                     | 43,500            | 43,500            |
| Z                              | -5.31             | -5.31             |
| Asymp. Sig. (2-tailed)         | ,596              | ,596              |
| Exact Sig. [2*(1-tailed Sig.)] | ,607 <sup>a</sup> | ,607 <sup>a</sup> |

a. Not corrected for ties.

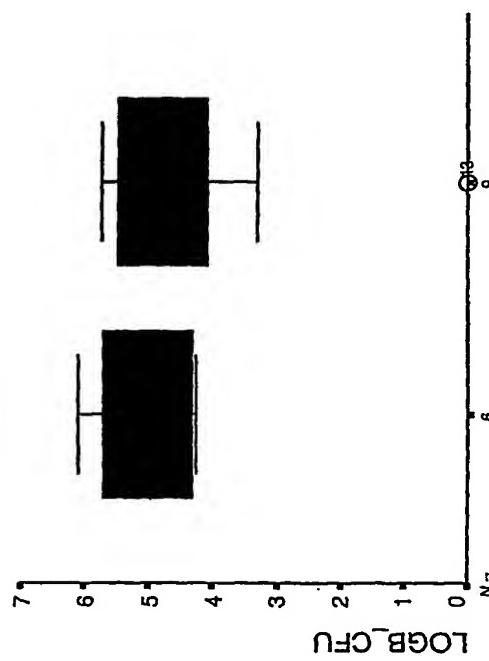
b. Grouping Variable: AGRP

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Figure 19D

Blood (log CFU)

3D10

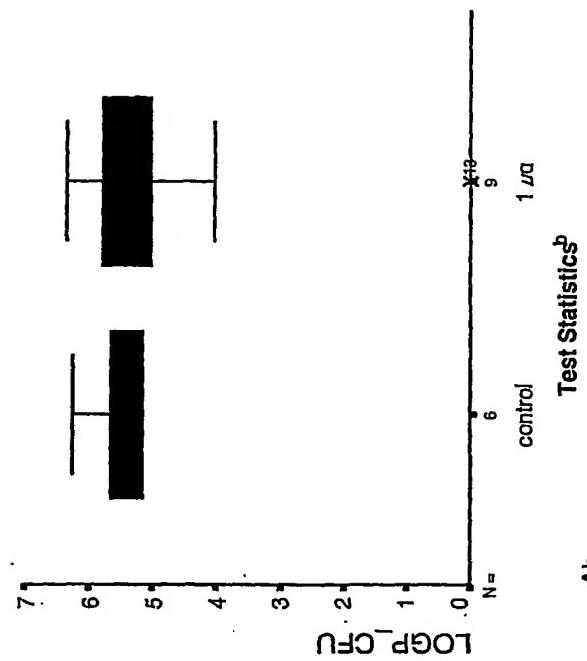
Test Statistics<sup>b</sup>

|                                   | B CFU             | P CFU  |
|-----------------------------------|-------------------|--------|
| Mann-Whitney U                    | 23,000            | 27,000 |
| Wilcoxon W                        | 68,000            | 72,000 |
| Z                                 | -4,71             | ,000   |
| Asymp. Sig. (2-tailed)            | ,637              | 1,000  |
| Exact Sig. [2*(1-tailed<br>Sig.)] | ,689 <sup>a</sup> | 1,000  |

<sup>a</sup>. Not corrected for ties.<sup>b</sup>. Grouping Variable: AGRP

Peritoneal (log CFU)

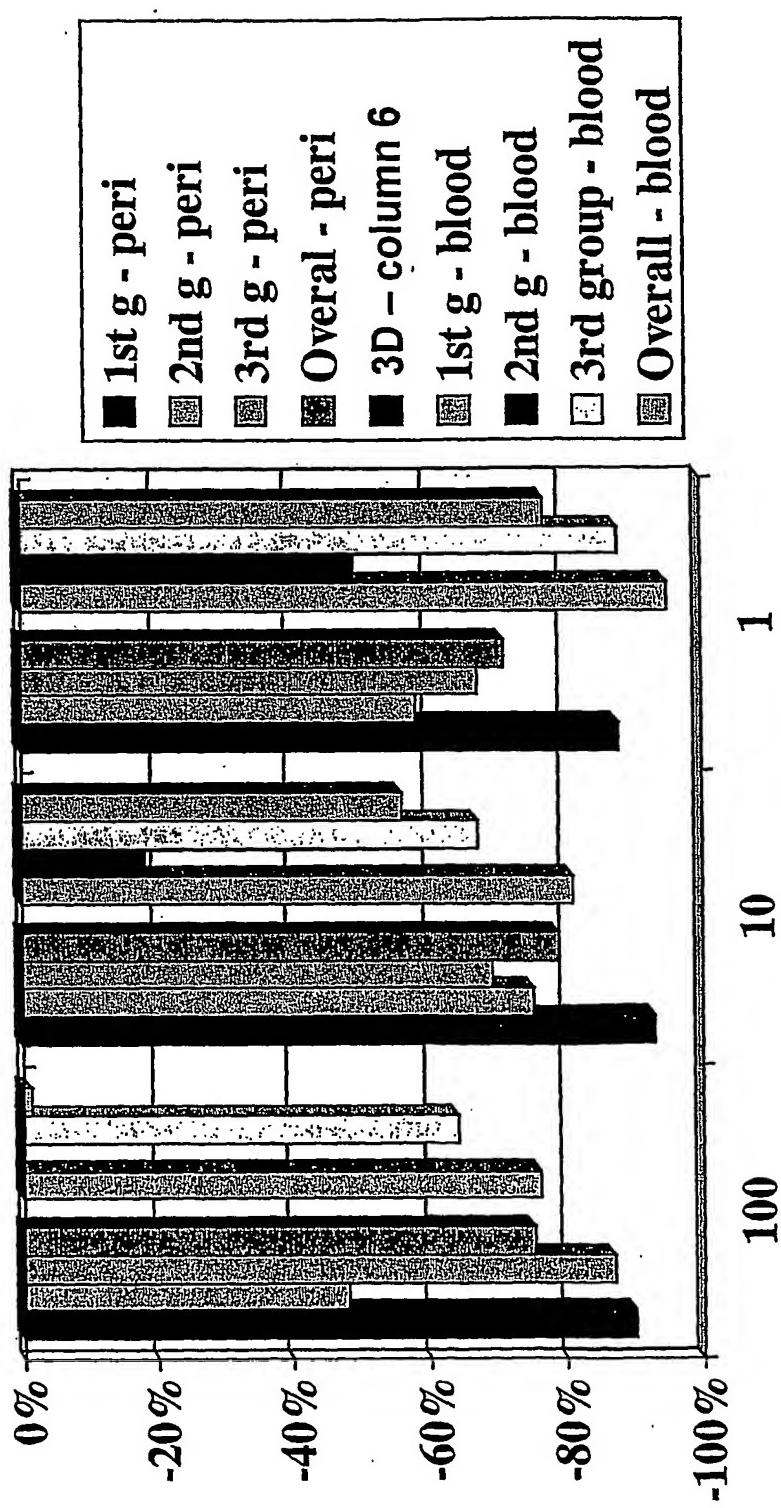
3D10

Test Statistics<sup>b</sup>

|                                   | P CFU  |
|-----------------------------------|--------|
| Mann-Whitney U                    | 27,000 |
| Wilcoxon W                        | 72,000 |
| Z                                 | ,000   |
| Asymp. Sig. (2-tailed)            | 1,000  |
| Exact Sig. [2*(1-tailed<br>Sig.)] | 1,000  |

<sup>a</sup>. Not corrected for ties.<sup>b</sup>. Grouping Variable: AGRP

**Figure 19E**  
**% reduction in mean CFU/ml from control  
(9A7)**



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Fig. 20

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